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PTO/SB/82 (11-98)

Approved for use through 6/30/99. OMB 0651-0035

Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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REVOCATION OF POWER OF ATTORNEY OR AUTHORIZATION OF AGENT

Application Number	09/256,647
Filing Date	February 23, 1999
First Named Inventor	Gigi CHU
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	2212.0018C

I hereby revoke all previous powers of attorney or authorizations of agent given in the above-identified application:

☒ A Power of Attorney or Authorization of Agent is submitted herewith.

OR

☐ Please change the correspondence address for the above-identified application to:

☐ Customer Number



Place Customer
Number Bar Code
Label here

☐ Firm or
Individual Name

Address

Address

City

Country

State

ZIP

Telephone

Fax

I am the:

☐ Applicant.

☒ Assignee of record of the entire interest
Certificate under 37 CFR 3.73(b) is enclosed

SIGNATURE of Applicant or Assignee of Record

Name

PETER J MINIHANE

Signature

Peter J Minihane

Date

8/11/2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

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**POWER OF ATTORNEY OR
AUTHORIZATION OF AGENT,
NOT ACCOMPANYING
APPLICATION**

Application Number	09/256,647
Filing Date	February 23, 1999
First Named Inventor	Gigi CHU
Group Art Unit	Not Yet Assigned
Examiner Name	Not Yet Assigned
Attorney Docket Number	2212.0018C

I hereby appoint:

☐ Practitioners at Customer Number

OR

☒ Practitioner(s) named below:

Name	Registration Number
Ira C. Edell	24,119
Robert H. Epstein	24,353
Stuart B. Shapiro	40,169
Patrick J. Finnan	39,189

Place Customer
Number Bar Code
Label here

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the Patent and Trademark Office connected therewith.

Please change the correspondence address for the above-identified application to:

☐ The above-mentioned Customer Number.

OR

<input checked="" type="checkbox"/> Firm or Individual Name	Patrick J. Finnan		
Address	EPSTEIN, EDELL, SHAPIRO & FINNAN, LLC		
Address	1901 Research Boulevard, Suite 400		
City	Rockville	State	MD
Country	US	ZIP	20850
Telephone	301-424-3640	Fax	301-762-4056

I am the:

☐ Applicant.

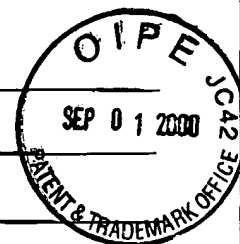
☒ Assignee of record of the entire interest
Certificate under 37 CFR 3.73(b) is enclosed

SIGNATURE of Applicant or Assignee of Record

Name	PETER J MINIHANE
Signature	Peter J Minihane
Date	8/11/2000

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

STATEMENT UNDER 37 CFR 3.73(b)



Applicant/Patent Owner: CHU et al.

Application No./Patent No.: 09/256,647

Filed/Issue Date February 23, 1999

Entitled: Network Monitoring System

Visual Networks Technologies, Inc. a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of an undivided part interest

in the patent application/patent identified above by virtue of either:

- A. ☐ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

OR

- B. ☒ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: the inventors To: Inverse Network Technology, Inc.
The document was recorded in the Patent and Trademark Office at
Reel 010027, Frame 0457, or for which a copy thereof is attached.
2. From: Inverse Network Technology, Inc. To: Visual Networks Technologies, Inc.
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.
3. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at
Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☒ Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the PTO. See MPEP 302-302.8]

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of the assignee.

8/11/00
Date

Peter J. Minihane
Signature
PETER J. MINIHANE
Typed or printed name
Exec VP / COO / CFO / PRES
Title

ASSIGNMENT OF PATENT APPLICATION

JOINT

WHEREAS, Gigi Chu, of 3119 Mauricia Avenue, Santa Clara, CA 95051, Matt Burdick, of 538 Mill River Lane, San Jose, CA 95134, Shekhar Bhide, of 3211 Stockton Place, Palo Alto, CA 94303, Craig Dickson, of 101 Laurie Meadows Drive #191, San Mateo, CA 94403, Sudanshu Verma, of 1152 Malibu Drive, San Jose, CA 95129, John Leong, of 197 Cumulus Avenue, Sunnyvale, CA 94087, Chris Davis, of 514 B South Eldorado Street, San Mateo, CA 94402, hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention: Network Monitoring System
Date(s) of execution of Declaration: May 5, 1999 and May 28, 1999
Filing Date: Feb 23, 1999
Application No.: 09/256,647; and

WHEREAS, Inverse Network Technology, located at 1215 Apollo Way, Sunnyvale, CA, 94086, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Dated: 5/28/99

Gigi Chu
Gigi Chu

STATE OF CALIFORNIA)

COUNTY OF Santa Clara

SS.

On May 28, 1999, before me, Patricia A. Cyester, personally appeared Gigi Chu, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia A. Cyester
NOTARY PUBLIC

My Commission Expires: April 1, 2001

Dated: 5-28-99

Matt Burdick
Matt Burdick

STATE OF CALIFORNIA)

COUNTY OF Santa Clara

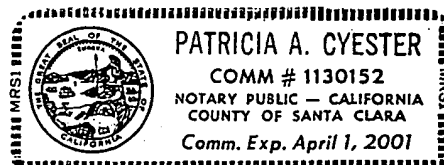
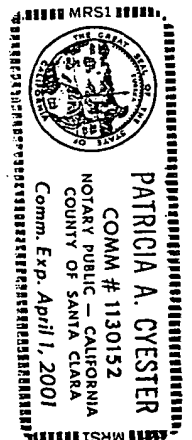
SS.

On May 28, 1999, before me, Patricia A. Cyester, personally appeared Matt Burdick, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia A. Cyester
NOTARY PUBLIC

My Commission Expires: April 1, 2001



Dated: 5/5/99

CBhde

Shekhar Bhide

STATE OF CALIFORNIA)

COUNTY OF Santa Clara ss.

On May 28, 1999, before me, Patricia A. Cyester, personally appeared Shekhar Bhide, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia A. Cyester
NOTARY PUBLIC

My Commission Expires: April 1, 2001

Dated: 5/28/99

Craig Dickson
Craig Dickson

STATE OF CALIFORNIA)

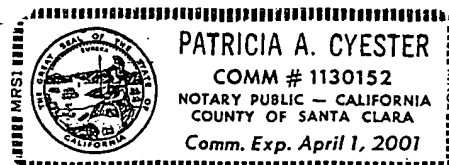
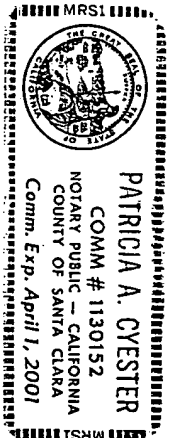
COUNTY OF Santa Clara ss.

On May 28, 1999, before me, Patricia A. Cyester, personally appeared Craig Dickson, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia A. Cyester
NOTARY PUBLIC

My Commission Expires April 1, 2001



Dated: 5/28/99

Sudanshu Verma
Sudanshu Verma

STATE OF CALIFORNIA)
COUNTY OF Santa Clara SS.

On May 28, 1999, before me, Patricia A. Cyster, personally appeared Sudanshu Verma, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia A. Cyster
NOTARY PUBLIC

My Commission Expires: April 1, 2001

Dated: May 28, 1999

John Leong
John Leong

STATE OF CALIFORNIA)
COUNTY OF Santa Clara SS.

On May 28, 1999, before me, Patricia A. Cyster, personally appeared John Leong, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia A. Cyster
NOTARY PUBLIC

My Commission Expires: April 1, 2001

MRSI
THE GREAT SEAL OF THE STATE OF CALIFORNIA
NOTARY PUBLIC - CALIFORNIA
COUNTY OF SANTA CLARA
Comm. Exp. April 1, 2001
PATRICIA A. CYSTER
COMM # 1130152

MRSI
THE GREAT SEAL OF THE STATE OF CALIFORNIA
PATRICIA A. CYSTER
COMM # 1130152
NOTARY PUBLIC - CALIFORNIA
COUNTY OF SANTA CLARA
Comm. Exp. April 1, 2001
MRSI

Dated: May 28, 1999

Chris Davis
Chris Davis

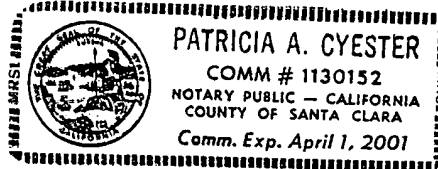
STATE OF CALIFORNIA)
COUNTY OF Santa Clara SS.

On May 28, 1999, before me, Patricia A. Cyster, personally appeared Chris Davis, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

Patricia A. Cyster
NOTARY PUBLIC

My Commission Expires April 1, 2001



ASSIGNMENT

WHEREAS, Inverse Network Technology, Inc., a corporation of the State of California, having a place of business at 1215 Apollo Way, Sunnyvale, California, 94086, possesses the entire right, title and interest in and to the invention entitled "Network Monitoring System", and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries, and for which a patent application for United States Letters Patent was filed on February 23, 1999 (U.S. Patent Application Serial No. 09/256,647).

WHEREAS, Visual Networks Technologies, Inc., a corporation of the State of California, having a place of business at 2092 Gaither Road, Rockville, Maryland 20850, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefor in the United States and in any and all foreign countries.

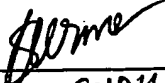
NOW, THEREFORE, for valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Inverse Network Technology, Inc. has sold, assigned and transferred, and by these presents does sell, assign and transfer unto Visual Networks Technologies, Inc. the full and exclusive right to said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted thereon in the United States and its territorial possessions and in any and all foreign countries, and in and to any and all non-provisionals, divisions, reissues, continuations and extensions thereof pertaining to said invention.

Inverse Network Technology, Inc. hereby authorizes and request the Patent and Trademark Office officials in the United States and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Visual Networks Technologies, Inc. as the assignee of the entire interest in and to the same, for the sole use and behalf of Visual Networks Technologies, Inc., its successors and assigns.

FURTHER, Inverse Network Technology, Inc. agrees to execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to Visual Networks Technologies, Inc., make all rightful oaths and generally do everything possible to aid Visual Networks Technologies, Inc., its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, Inverse Network Technology, Inc. hereby caused the Assignment to be duly executed and set its hand on the date set forth below.

INVERSE NETWORK TECHNOLOGY, INC.

By: 
Name: SUDHANSHU VERMA
Title: VP ENGINEERING.
Date: August 21, 2000



Atty. Docket No. 2212.0018C

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the PATENT application of

Gigi CHU et al

Serial No.: 09/256,647

Group Art Unit: Not Yet Assigned

Filed: February 23, 1999

Examiner: Not Yet Assigned

For: NETWORK MONITORING SYSTEM

CERTIFICATION UNDER 37 CFR 1.10

EJ240834153US
"Express Mail" mailing number

September 1, 2000
Date of Deposit

I hereby certify that: a Transmittal Letter; Revocation of Power of Attorney; Power of Attorney; Statement Under 37 CFR 3.73(b) with copies of two Assignments; and a Postcard Receipt for filing in the above-identified application are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 on the date indicated above and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

Nancy L. McMullen
(Typed or Printed Name of
person mailing application)

Nancy L. McMullen
(Signature of person mailing
Application)

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GP 2757

EPSTEIN, EDELL, SHAPIRO & FINNAN, LLC
1901 Research Boulevard
Suite 400
Rockville, Maryland 20850-3164
(301) 424-3640

In re the PATENT application of

Gigi CHU et al

Serial No.: 09/256,647

Atty. Docket No.: 2212.0018C

Filed: February 23, 1999

For: Network Monitoring System

ASSISTANT COMMISSIONER FOR PATENTS
Washington, D.C. 20231

TRANSMITTAL LETTER

Sir:

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Transmitted herewith for filing in the subject application are: a Revocation of Power of Attorney, a Power of Attorney and Statement Under 37 CFR 3.73(b) with copies of two Assignments, Express Mail Certificate and Postcard Receipt.

The Commissioner is hereby authorized to charge payment of any additional fees required for the above-identified application or Assignment or credit any overpayment to Deposit Account No. 05-0460.

Respectfully submitted,

Patrick J. Finnegan

Registration No. 39,189

Dated: September 1, 2000

Delivered via Express Mail: EJ240834153US